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TAG-72 Antigen

National Cancer Institute

Source

National Cancer Institute. *TAG-72 Antigen*. NCI Thesaurus. Code C1269.

Tumor-associated oncofetal glycoprotein 72 (TAG-72) is a high molecular weight (220-400 kD) complex expressed by a wide variety of human adenocarcinomas. This antigen is expressed by a majority of invasive ductal breast carcinomas, and most colon, pancreatic, gastric, esophageal, lung (non-small cell), ovarian and endometrial adenocarcinomas, and on normal secretory endometrium, but not on other normal tissues. It is not expressed by leukemias, lymphomas, sarcomas, mesotheliomas, melanomas or benign tumors. The monoclonal antibodies against TAG-72 have been widely employed for the immunohistochemical analysis of adenocarcinomas as well as for radioimmunoscinigraphy and radioimmunoguided surgery.